



U.S. Department of Energy

Office of River Protection

0061820

P.O. Box 450

Richland, Washington 99352

04-ED-048

MAY 21 2004

Mr. Michael A. Wilson, Program Manager
Nuclear Waste Program
State of Washington
Department of Ecology
3100 Port of Benton Blvd
Richland, Washington 99352

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EDMC

Dear Mr. Wilson:

SUBMITTAL OF PERMIT DESIGN PACKAGE NOS. LAW-012, REVISION 0, AND LAW-013, REVISION 0, FOR THE WASTE TREATMENT AND IMMOBILIZATION PLANT (WTP)

Reference: WA7890008967, "Dangerous Waste Portion of the Hanford Facility Resource Conservation and Recovery Act Permit for the Treatment, Storage, and Disposal of Dangerous Waste, Chapter 10 and Attachment 51, 'Waste Treatment and Immobilization Plant.'"

This letter submits the following WTP permit design packages for the State of Washington Department of Ecology (Ecology) approval, in accordance with the reference:

- LAW-012, Revision 0, "Tank System Ancillary Equipment for LAW Facility RLD System;" and
- LAW-013, Revision 0, "Tank System Ancillary Equipment for LAW Facility LCP System."

The attached WTP permit design packages and specification provide the information necessary for Ecology to confirm that the structures, equipment, and processes described in the permit packages will comply with the reference. This information will allow Ecology to permit the installation of the Radioactive Liquid Waste Disposal System (RLD) and Low-Activity Waste (LAW) concentrate receipt process (LCP) tank systems ancillary equipment in the LAW Vitrification Facility.

A summary description of the permit design packages is included in Attachment 1. Attachment 2 provides the permit design packages, and Attachment 3 provides the Bechtel National, Inc. and U.S. Department of Energy, Office of River Protection certification statements.

Dangerous Waste Permit (DWP) package submittals are certified coincident with issuance of the integrity assessment report contained in the package. Permit affecting design changes not included in, or occurring after issuance of, the final integrity assessment report will be processed in accordance with DWP requirements for permit modification prior to construction or installation of affected equipment and components. Installation of equipment and components will be done in accordance with permit packages approved and incorporated into the DWP by Ecology.

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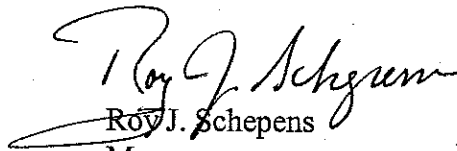
Mr. Michael A. Wilson
04-ED-048

-2-

Due to the potential sensitivity of the attached engineering information, Ecology is requested to place the data for public review in the standard information repositories, but not provide electronic dissemination of the information.

If you have any questions, please contact me, or your staff may contact Lori A. Huffman, Environmental Division, (509) 376-0104.

Sincerely,


Roy J. Schepens
Manager

ED:LAH

Attachments: (3)

cc w/attachs:

B. G. Erlandson, BNI

J. P. Henschel, BNI

J. Cox, CTUIR

S. Harris, CTUIR

S. L. Dahl, Ecology

G. P. Davis, Ecology (w/o attachs)

T. Z. Gao, Ecology

S. J. Skurla, Ecology (22)

P. Sobotta, NPT

K. Niles, Oregon Energy (w/o attachs)

J. B. Hebdon, RL (w/o attachs)

A. C. McKarns, RL

R. Jim, YN

Administrative Record

Environmental Portal, LMSI